



# SEQUENCE LISTING

<110> Gordon-Kamm, William  
Lowe, Keith  
Sun, Yuejin  
Dilkes, Brian  
Larkins, Brian

<120> Cell Cycle Nucleic Acids, Polypeptides,  
and Uses Thereof

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Gly Ala Glu Val Ala Ala Val Glu Val Thr Gln Val Val Gly Val Arg
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acg agg tcc agg tcc gcg gcg gcg acc ggc ggt gtc gcg aag gtc gcc      265
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gct ggt ggg gac ggc gga agc tgc tac atc cac ctg cgt agc cgc atg      361
Ala Gly Gly Asp Gly Gly Ser Cys Tyr Ile His Leu Arg Ser Arg Met
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ctg ttc atg gca ccg cct cag ccg cag ccg tcg gtt gac tcg gtt ccg      409
Leu Phe Met Ala Pro Pro Gln Pro Gln Pro Ser Val Asp Ser Val Pro
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acc ccg gtg gag gct gct gat ggc gct gca gga cag cag ggc gcg gcg      457

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Val	Arg	Gly	Val	Pro	Leu	Asp	Ala	Gly	Gly	Arg	Phe	Glu	Trp	Ala	Pro		
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Glu Gln Gln Thr Gln Trp Glu Glu Gly Ala Gly Gly Glu Tyr Leu Glu								
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cta agg aac cgg agg ctc gag aag ctg ccg ccg ccg ccg gcg acc acg								366
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Arg Arg Ser Gly Gly Arg Lys Ala Ala Glu Ala Ala Ala Thr Lys								
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Glu Ala Glu Ala Ser Tyr Gly Glu Asn Met Leu Glu Leu Glu Ala Met								
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Met Thr Ser Thr Pro Gly Ser Thr Arg Ser Ser His Ser Cys His Arg								
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Arg Val Asn Ala Pro Pro Val His Ala Val Pro Ser Ser Arg Glu Met								
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Phe Glu Trp Val Lys Leu Asp								
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aggcgcatcac cgtcgtgtta gcttcgtttc tgctgtaaaa aaaaacttag tgtttttagca								874
tgtagcctta attggtcgtg tgttacagta cagaactgat gctgagttac aacaccctga								934
tctggtcttg atctgatccc tcaactccaa tgtaaccctt aacagctcat tctgtaagga								994
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1089

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 Ala Gly Gly Glu Tyr Leu Glu Leu Arg Asn Arg Arg Leu Glu Lys Leu  
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 Pro Pro Pro Pro Ala Thr Thr Arg Arg Ser Gly Gly Arg Lys Ala Ala  
 65 70 75 80  
 Ala Glu Ala Ala Ala Thr Lys Glu Ala Glu Ala Ser Tyr Gly Glu Asn  
 85 90 95  
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 Cys Ser Leu Ile Asn Thr Gln Met Thr Ser Thr Pro Gly Ser Thr Arg  
 115 120 125  
 Ser Ser His Ser Cys His Arg Arg Val Asn Ala Pro Pro Val His Ala  
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 Val Pro Ser Ser Arg Glu Met Asn Glu Tyr Phe Ala Ala Glu Gln Arg  
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 Met Gly Lys Tyr Met Arg  
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 aag cgc agg ggg gcc gcg ggc gag ggg gtg gcc gca gtc gag gtc tcg 224  
 Lys Arg Arg Gly Ala Ala Gly Glu Gly Val Ala Ala Val Glu Val Ser  
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 cag gtc gtc ggc gtc cgg acg agg tcc agg tcc gcg gcg gcg acc ggc 272  
 Gln Val Val Gly Val Arg Thr Arg Ser Arg Ser Ala Ala Ala Thr Gly  
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Gly Gly Val Ala Lys Val Ala Pro Pro Arg Arg Lys Lys Ala Leu Leu	
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ccc gcc gcg aac gtg acg acg tcg ggg gag cct ggt gcc gtg ggc gct	368
Pro Ala Ala Asn Val Thr Thr Ser Gly Glu Pro Gly Ala Val Gly Ala	
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ggt ggt ggg gac ggc gga agc tgc tgc tac atc cac ctg cgg agc cgc	416
Gly Gly Gly Asp Gly Gly Ser Cys Cys Tyr Ile His Leu Arg Ser Arg	
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atg ctg ttc atg gca gca cct cag cag caa ccg tcg gcg gct ctg acg	464
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Pro Val Glu Ala Ala Gly Ala Ala Xaa Gln Gly Gly Val Val Ala Leu	
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gcg gct ggc ctc tcg cgt tgc tcc agc acg gcg tcg tcg gtg gac gtc	560
Ala Ala Gly Leu Ser Arg Cys Ser Ser Thr Ala Ser Ser Val Asp Val	
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ggg ggc cac gcc tgc cgc tcc gac gct gcg cct gcg gag gtt gac ggg	608
Gly Gly His Ala Cys Arg Ser Asp Ala Ala Pro Ala Glu Val Asp Gly	
135 140 145 150	
gat cac gtc ccg gat gtc gtc acc gcg agc aac tcg ggg agc gtc ccg	656
Asp His Val Pro Asp Val Val Thr Ala Ser Asn Ser Gly Ser Val Pro	
155 160 165	
gac cgc gag agg aga gag acg acg cca tcg tcg agc cgg gcg cac ggc	704
Asp Arg Glu Arg Arg Glu Thr Thr Pro Ser Ser Ser Arg Ala His Gly	
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ggc gag ctc agc gat ctg gag tcg gat ctg gtg ggg cgg cag aag act	752
Gly Glu Leu Ser Asp Leu Glu Ser Asp Leu Val Gly Arg Gln Lys Thr	
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Gly Cys Ser Ser Ser Pro Ala Thr Thr Thr Ser Ala Ala Glu Leu Ile	
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 Arg Lys Lys Ala Leu Leu Pro Ala Ala Asn Val Thr Thr Ser Gly Glu  
 50 55 60  
 Pro Gly Ala Val Gly Ala Gly Gly Gly Asp Gly Gly Ser Cys Cys Tyr  
 65 70 75 80  
 Ile His Leu Arg Ser Arg Met Leu Phe Met Ala Ala Pro Gln Gln Gln  
 85 90 95  
 Pro Ser Ala Ala Leu Thr Pro Val Glu Ala Ala Gly Ala Ala Xaa Gln  
 100 105 110  
 Gly Gly Val Val Ala Leu Ala Ala Gly Leu Ser Arg Cys Ser Ser Thr  
 115 120 125  
 Ala Ser Ser Val Asp Val Gly Gly His Ala Cys Arg Ser Asp Ala Ala  
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 Pro Ala Glu Val Asp Gly Asp His Val Pro Asp Val Val Thr Ala Ser  
 145 150 155 160  
 Asn Ser Gly Ser Val Pro Asp Arg Glu Arg Arg Glu Thr Thr Pro Ser  
 165 170 175  
 Ser Ser Arg Ala His Gly Gly Glu Leu Ser Asp Leu Glu Ser Asp Leu  
 180 185 190  
 Val Gly Arg Gln Lys Thr Gly Cys Ser Ser Ser Pro Ala Thr Thr Thr  
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or c

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Arg Phe Glu Trp Ala Pro Val Val Ser Ile  
35 40

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Glu Trp Val Lys Leu Asp  
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Leu	Asp	Ala	Gly	Arg	Phe	Glu	Trp	Thr	Pro	Gly	Val	Ser	Ile		
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